Top 5 Illumination Modules for Industrial Control Panels: Product Specifications Guide

Introduction

Illumination modules are essential components used in industrial control systems, push buttons, and signalling devices to provide clear and reliable visual indication. They help operators easily identify equipment status and improve visibility in control panel applications.

Modern illumination modules are available in different configurations, including **Integrated LED, BA9s LED, and Integral LED**, designed to meet various industrial requirements. With compact designs, efficient LED technology, and compatibility with different control devices, these modules are widely used in automation and electrical panel applications.

In this blog, we showcase the top 5 illumination modules along with their product specifications, including module type, voltage rating, colour options, and model details. This guide will help you compare different illumination solutions and select the right illumination module for your industrial control applications.

1. Siemens 3SB5 Illumination Module White, 24 V AC/DC, With Integrated LED

Product Image:

Product Specifications:

Specification	Details
Brand	Siemens
Model Series	3SB5
Reference No.	3SB5400-7CG
Type	Integrated LED
Colour	White
Rated Voltage	24 V AC/DC

2. Siemens 3SB5 Illumination Module Red, 220 V DC, With Integrated LED

Product Image:

Product Specifications:

Specification	Details
Brand	Siemens
Model Series	3SB5
Reference No.	3SB5400-7HC
Type	Integrated LED
Colour	Red
Rated Voltage	220 V DC

3. Siemens 3SB5 Illumination Module Red, 220 V DC, With BA9s LED

Product Image:

Product Specifications:

Specification	Details
Brand	Siemens
Model Series	3SB5

Specification	Details
Reference No.	3SB5400-7HC
Type	BA9s LED
Colour	Red
Rated Voltage	220 V DC

4. Siemens Sirius ACT 3SU1 Illumination Module Amber, 24-240 V AC/DC, With Integrated LED

Product Image:

Product Specifications:

Specification	Details
Brand	Siemens
Model Series	3SU1
Reference No.	3SU1401-1BH00-1AA0
Type	Integrated LED
Colour	Amber
Rated Voltage	24-240 V AC/DC
Terminal Type	Screw Terminal
Mounting Type	Front Plate Mounting

5. Siemens Sirius ACT 3SU1 Illumination Module Red, 24-240 V AC/DC, With Integrated LED

Product Image:

Product Specifications:

Specification	Details
Brand	Siemens
Model Series	3SU1
Reference No.	3SU1401-1BH20-1AA0
Type	Integrated LED
Colour	Red
Rated Voltage	24-240 V AC/DC
Terminal Type	Screw Terminal
Mounting Type	Front Plate Mounting

Factors to Consider When Selecting the Right Illumination Module

Choosing the right illumination module requires careful consideration of technical specifications and compatibility requirements. The selection depends on factors such as the illumination type, rated voltage, colour options, and compatibility with the control device or push button system. By evaluating these parameters, you can identify an illumination module that provides reliable indication, efficient performance, and seamless integration with your industrial control applications.

Illumination Type

The first step is to select the appropriate illumination type based on your system requirements. Common options include **Integrated LED, BA9s LED, and Integral LED** illumination modules, each designed for specific control device configurations.

Rated Voltage

Selecting the correct rated voltage is important to ensure proper operation and compatibility with the electrical system. Illumination modules are available in different voltage ranges, including options such as **24 V AC/DC, 110 V AC/DC, 230 V AC, 220 V DC, and 24-240 V AC/DC**.

LED Colour

The required indication colour should be selected based on the application and status identification needs. Available colour options may include **Red, Green, Blue, White, Amber, Yellow, and Orange** depending on the module type and model.

Device Compatibility

Ensure that the selected illumination module is compatible with the control device, push button, selector switch, or indicator lamp assembly. Checking the

model series and reference number helps ensure proper installation and reliable operation.

Product Specifications

Before final selection, review important technical details such as product series, reference number, illumination type, voltage rating, and colour configuration to choose the suitable illumination module for your application.

Conclusion

Selecting the right illumination module plays an important role in ensuring clear visual indication, reliable operation, and compatibility with industrial control systems. With options such as **Integrated LED, BA9s LED, and Integral LED**, users can choose the most suitable module based on their voltage requirements, colour preferences, and control device compatibility.

The right illumination solution helps improve visibility and efficiency in control panels, push buttons, and signalling applications. By understanding the product specifications and key selection factors, you can make an informed decision and choose an illumination module that best meets your industrial requirements.